

## BOGUE INLET BIRD SURVEY

DATE	4/2/2003				WEATHER/SKY		Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED		0-10	10-15	15-20	>20				
OBSERVER	Cooper, Coward, Carroll				WIND DIRECTION		N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1357				AIR TEMP.		74							
HIGH	0753													
DISTURBANCE LEVEL	none													
DISTURBANCE SOURCE	none													
START TIME	1347													
END TIME	1519													
	SURF			INTERTIDAL			BEACH			Breeding/Notes				
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating					
Common Loon														
Brown Pelican						10								
Double-crested Cormorant				35	132	4								
Great Blue Heron														
Great Egret														
Snowy Egret														
Little Blue Heron														
Tricolored Heron														
White Ibis														
Glossy Ibis														
Black-bellied Plover				1										
Wilson's Plover														
Semipalmated Plover														
Piping Plover														
Killdeer														
American Oystercatcher														
Greater Yellowlegs														
Solitary Sandpiper														
Willet														
Spotted Sandpiper														
Whimbrel														
Marbled Godwit														
Ruddy Turnstone														
Red Knot				1										
Sanderling				7		2								
Semipalmated Sandpiper														
Western Sandpiper														
Least Sandpiper														
Pectoral Sandpiper														
Dunlin														
Short-billed Dowitcher														
Long-billed Dowitcher														
Laughing Gull					3	1								
Bonaparte's Gull				4	4	12								
Ring-billed Gull					10	3								
Herring Gull				6	47	8								
Lesser Black-backed Gull														
Great Black-backed Gull														
Gull-billed Tern														
Caspian Tern														
Royal Tern					18	6								
Sandwich Tern														
Common Tern														
Forster's Tern					24	2								
Least Tern						1								
Black Tern														
Black Skimmer														
OTHER SPECIES														
Boat-tailed Grackle														
Mallard						3								
Red-breasted Merganser						12								
Red-throated Loon						1								

## BOGUE INLET BIRD SURVEY

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## BOGUE INLET BIRD SURVEY

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## BOGUE INLET BIRD SURVEY

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## BOGUE INLET BIRD SURVEY

DATE	4/14/2003				WEATHER/SKY		Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED		0-10	10-15	15-20	>20				
OBSERVER	Cooper, Carroll				WIND DIRECTION		N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1225				AIR TEMP.		73							
HIGH	1835													
DISTURBANCE LEVEL	medium-high													
DISTURBANCE SOURCE	workers/bull dozer, dredge pipes, 3 people, 1 dog running chasing birds													
START TIME	1030													
END TIME	1205													
	SURF			INTERTIDAL			BEACH			Breeding/Notes				
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating					
Common Loon														
Brown Pelican			1											
Double-crested Cormorant														
Great Blue Heron														
Great Egret						2								
Snowy Egret						2			1					
Little Blue Heron														
Tricolored Heron														
White Ibis														
Glossy Ibis														
Black-bellied Plover				8				7	1					
Wilson's Plover				8				1						
Semipalmated Plover				8										
Piping Plover				3			1			left-red right-yellow over orange				
Killdeer														
American Oystercatcher														
Greater Yellowlegs				1										
Solitary Sandpiper														
Willet				2	2	3				2 resting/courtship				
Spotted Sandpiper														
Whimbrel														
Marbled Godwit														
Ruddy Turnstone			1	1	1									
Red Knot														
Sanderling				4			1		3					
Semipalmated Sandpiper				4										
Western Sandpiper				8										
Least Sandpiper														
Pectoral Sandpiper														
Dunlin				35										
Short-billed Dowitcher				20										
Long-billed Dowitcher														
Laughing Gull				4		3			2					
Bonaparte's Gull						1								
Ring-billed Gull									5					
Herring Gull						16								
Lesser Black-backed Gull														
Great Black-backed Gull								2						
Gull-billed Tern														
Caspian Tern														
Royal Tern					22	11								
Sandwich Tern					2									
Common Tern														
Forster's Tern			1		3	4								
Least Tern					13	13								
Black Tern														
Black Skimmer														
OTHER SPECIES														
Boat-tailed Grackle				6		1		2						
Red-winged Blackbird						1								
Barn Swallow						2								
Red-breasted Merganser						1								
House Sparrow				4										

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[illegible]



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## BOGUE INLET BIRD SURVEY

[illegible]

## BOGUE INLET BIRD SURVEY

[illegible]

## BOGUE INLET BIRD SURVEY

[illegible]

## BOGUE INLET BIRD SURVEY

DATE	5/1/03				WEATHER/SKY	Clear	P. Cloudy	Cloudy	Fog	Lt. Rain				
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED	0-10	10-15	15-20	>20					
OBSERVER	Massey, Coward				WIND DIRECTION	N	NE	E	SE	S	SW	W	NW	
TIDE: LOW	1416				AIR TEMP.	81 F								
HIGH	0822													
DISTURBANCE LEVEL	none													
DISTURBANCE SOURCE	none													
START TIME	2:50 PM													
END TIME	3:59 PM													
	SURF			INTERTIDAL			BEACH			Breeding/Notes				
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating					
Common Loon														
Brown Pelican														
Double-crested Cormorant	1													
Great Blue Heron														
Great Egret			1											
Snowy Egret														
Little Blue Heron														
Tricolored Heron														
White Ibis						1								
Glossy Ibis														
Black-bellied Plover				4		2								
Wilson's Plover				4		2							3 on territory, 2 nests= 3, 3 eggs	
Semipalmated Plover				5										
Piping Plover														
Killdeer														
American Oystercatcher														
Greater Yellowlegs														
Solitary Sandpiper														
Willet			1			1								
Spotted Sandpiper														
Whimbrel				1					1					
Marbled Godwit														
Ruddy Turnstone				4										
Red Knot														
Sanderling				1										
Semipalmated Sandpiper														
Western Sandpiper														
Least Sandpiper				3										
Pectoral Sandpiper														
Dunlin														
Short-billed Dowitcher														
Long-billed Dowitcher														
Laughing Gull														
Bonaparte's Gull														
Ring-billed Gull														
Herring Gull														
Lesser Black-backed Gull														
Great Black-backed Gull														
Gull-billed Tern														
Caspian Tern														
Royal Tern														
Sandwich Tern														
Common Tern														
Forster's Tern														
Least Tern			4	1	1	4							2 nests 1 each with 1 egg	
Black Tern														
Black Skimmer						4								
OTHER SPECIES														
Boat-tailed Grackle														
Mallard			1						1					
Red-breasted Merganser														
Red-throated Loon														
Red-winged Blackbird			1											
Barn Swallow			2											
Canada Goose						1								

## BOGUE INLET BIRD SURVEY

DATE	5/1/03				WEATHER/SKY		Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED		0-10	10-15	15-20	>20				
OBSERVER	Massey, Coward				WIND DIRECTION		N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1416				AIR TEMP.		81							
HIGH	0822													
DISTURBANCE LEVEL	Low													
DISTURBANCE SOURCE	5 persons on beach													
START TIME	11:19 AM													
END TIME	1:27 PM													
	SURF			INTERTIDAL			BEACH			Breeding/Notes				
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating					
Common Loon														
Brown Pelican														
Double-crested Cormorant					3									
Great Blue Heron														
Great Egret				1										
Snowy Egret														
Little Blue Heron														
Tricolored Heron														
White Ibis			1	1										
Glossy Ibis														
Black-bellied Plover	2			9	1	1								
Wilson's Plover				3	1			1		Suspect nesting of 1 pair				
Semipalmated Plover									2					
Piping Plover														
Killdeer														
American Oystercatcher				1						territorial?				
Greater Yellowlegs	2													
Solitary Sandpiper														
Willet	3		1	3	1	2								
Spotted Sandpiper														
Whimbrel	1			2	1									
Marbled Godwit														
Ruddy Turnstone														
Red Knot														
Sanderling	2			4		1								
Semipalmated Sandpiper				2		1								
Western Sandpiper				2										
Least Sandpiper				34		2								
Pectoral Sandpiper														
Dunlin				15		3								
Short-billed Dowitcher	1			8										
Long-billed Dowitcher						1								
Laughing Gull			4											
Bonaparte's Gull		1		3										
Ring-billed Gull		1	1	3	2									
Herring Gull					1									
Lesser Black-backed Gull														
Great Black-backed Gull														
Gull-billed Tern				3	1									
Caspian Tern														
Royal Tern					16									
Sandwich Tern					14									
Common Tern					49	2								
Forster's Tern				1	8									
Least Tern	2				4	4								
Black Tern														
Black Skimmer														
OTHER SPECIES														
Boat-tailed Grackle				1										
Mallard														
Red-breasted Merganser	8			13										
Red-throated Loon														
Barn Swallow			2	3	4	6			8					
Red-winged Blackbird			1			1								





## BOGUE INLET BIRD SURVEY

DATE	5/16/03				WEATHER/SKY		Clear	P. Cloudy	Cloudy	Fog	Lt. Rain	
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED		0-10	10-15	15-20	>20		
OBSERVER	Cooper				WIND DIRECTION		N	NE	E	SE	S	SW W NW
TIDE: LOW	1411				AIR TEMP.		84					
HIGH	0814											
DISTURBANCE LEVEL	low											
DISTURBANCE SOURCE	2 people walking											
START TIME	1516											
END TIME	1605											
	SURF			INTERTIDAL			BEACH			Breeding/Notes		
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating			
Common Loon												
Brown Pelican			1									
Double-crested Cormorant			3									
Great Blue Heron												
Great Egret												
Snowy Egret												
Little Blue Heron												
Tricolored Heron												
White Ibis												
Glossy Ibis												
Black-bellied Plover						1						
Wilson's Plover								1		suspect nesting in posted area		
Semipalmated Plover												
Piping Plover												
Killdeer												
American Oystercatcher												
Greater Yellowlegs												
Solitary Sandpiper												
Willet				2								
Spotted Sandpiper						1						
Whimbrel												
Marbled Godwit												
Ruddy Turnstone				1								
Red Knot												
Sanderling				1								
Semipalmated Sandpiper												
Western Sandpiper												
Least Sandpiper				1								
Pectoral Sandpiper												
Dunlin												
Short-billed Dowitcher												
Long-billed Dowitcher												
Laughing Gull												
Bonaparte's Gull												
Ring-billed Gull				3	3							
Herring Gull												
Lesser Black-backed Gull												
Great Black-backed Gull												
Gull-billed Tern												
Caspian Tern												
Royal Tern						4						
Sandwich Tern												
Common Tern						2		9		suspect nesting		
Forster's Tern						1						
Least Tern								5		nesting 3 including 1 with 1 egg		
Black Tern												
Black Skimmer						52		38				
OTHER SPECIES										appear to be nesting, sitting on scrapes		
Boat-tailed Grackle												
Barn Swallow						1						
Red-breasted Merganser												
Red-throated Loon												

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DATE	5/16/03				WEATHER/SKY		Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED		0-10	10-15	15-20	>20				
OBSERVER	Cooper				WIND DIRECTION		N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1411				AIR TEMP.		81							
HIGH	0814													
DISTURBANCE LEVEL	none													
DISTURBANCE SOURCE	none (dredge merritt COE dredging in inlet)													
START TIME	1625													
END TIME	1730													
	SURF			INTERTIDAL			BEACH			Breeding/Notes				
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating					
Common Loon														
Brown Pelican														
Double-crested Cormorant	1								2					
Great Blue Heron														
Great Egret						2								
Snowy Egret									1					
Little Blue Heron														
Tricolored Heron														
White Ibis														
Glossy Ibis														
Black-bellied Plover														
Wilson's Plover					8					suspect up to 5 pairs on territory. 3 nests w/eggs found (3eggs, 2 eggs, 3 eggs)				
Semipalmated Plover														
Piping Plover														
Killdeer														
American Oystercatcher														
Greater Yellowlegs									1					
Solitary Sandpiper														
Willet				2					1					
Spotted Sandpiper				2										
Whimbrel				1										
Marbled Godwit														
Ruddy Turnstone				2										
Red Knot														
Sanderling														
Semipalmated Sandpiper				25										
Western Sandpiper														
Least Sandpiper						6								
Pectoral Sandpiper														
Dunlin														
Short-billed Dowitcher														
Long-billed Dowitcher														
Laughing Gull						2			2					
Bonaparte's Gull														
Ring-billed Gull						1								
Herring Gull					2	1								
Lesser Black-backed Gull														
Great Black-backed Gull														
Gull-billed Tern														
Caspian Tern														
Royal Tern			1											
Sandwich Tern														
Common Tern														
Forster's Tern														
Least Tern						4								
Black Tern														
Black Skimmer														
OTHER SPECIES														
Boat-tailed Grackle									1					
Red-winged Blackbird									1					
Barn Swallow						1								
Red-breasted Merganser					2									
Canada Goose					10									

## BOGUE INLET BIRD SURVEY

DATE	5/16/03				WEATHER/SKY		Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED		0-10	10-15	15-20	>20				
OBSERVER	Cooper				WIND DIRECTION		N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1411				AIR TEMP.		78							
HIGH	0814													
DISTURBANCE LEVEL	low													
DISTURBANCE SOURCE	1 boat, 2 sun bathers, lots of boats fishing in inlet close to shore													
START TIME	1155													
END TIME	1320													
	SURF			INTERTIDAL			BEACH			Breeding/Notes				
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating					
Common Loon														
Brown Pelican														
Double-crested Cormorant														
Great Blue Heron														
Great Egret				1					1					
Snowy Egret				1										
Little Blue Heron						1								
Tricolored Heron					1									
White Ibis														
Glossy Ibis														
Black-bellied Plover				4	1									
Wilson's Plover					2									
Semipalmated Plover			1	38									suspect nesting	
Piping Plover														
Killdeer														
American Oystercatcher														
Greater Yellowlegs														
Solitary Sandpiper														
Willet				4		1		3					suspect nesting in marsh	
Spotted Sandpiper				1										
Whimbrel				2										
Marbled Godwit														
Ruddy Turnstone				6	1									
Red Knot														
Sanderling				10										
Semipalmated Sandpiper				15										
Western Sandpiper														
Least Sandpiper														
Pectoral Sandpiper														
Dunlin				46										
Short-billed Dowitcher														
Long-billed Dowitcher														
Laughing Gull						6			4					
Bonaparte's Gull														
Ring-billed Gull														
Herring Gull						1								
Lesser Black-backed Gull														
Great Black-backed Gull														
Gull-billed Tern														
Caspian Tern														
Royal Tern						4			2					
Sandwich Tern						1								
Common Tern														
Forster's Tern														
Least Tern				2	1	2			1					
Black Tern														
Black Skimmer														
OTHER SPECIES														
Boat-tailed Grackle						4								
House Sparrow						6								
Red-breasted Merganser					2									
Fish Crow									2					
House Finch									2					
Red-winged Blackbird									1					

## BOGUE INLET BIRD SURVEY

[illegible]

## BOGUE INLET BIRD SURVEY

DATE	5/30/03				WEATHER/SKY	Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED	0-10	10-15	15-20	>20				
OBSERVER	Massey, Coward				WIND DIRECTION	N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1:40 PM				AIR TEMP.	81 F							
HIGH	7:52 AM												
DISTURBANCE LEVEL	medium												
DISTURBANCE SOURCE	3 boats, 13 persons(8 walking)												
START TIME	4:15 PM												
END TIME	5:00 PM												
	SURF			INTERTIDAL			BEACH			Breeding/Notes			
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating				
Common Loon													
Brown Pelican			7										
Double-crested Cormorant			1										
Great Blue Heron													
Great Egret													
Snowy Egret													
Little Blue Heron													
Tricolored Heron													
White Ibis													
Glossy Ibis													
Black-bellied Plover													
Wilson's Plover					1								
Semipalmated Plover													
Piping Plover													
Killdeer													
American Oystercatcher						1							
Greater Yellowlegs													
Solitary Sandpiper													
Willet	1												
Spotted Sandpiper				1									
Whimbrel													
Marbled Godwit													
Ruddy Turnstone													
Red Knot													
Sanderling				6	2								
Semipalmated Sandpiper													
Western Sandpiper													
Least Sandpiper													
Pectoral Sandpiper													
Dunlin													
Short-billed Dowitcher													
Long-billed Dowitcher													
Laughing Gull					3								
Bonaparte's Gull													
Ring-billed Gull					1								
Herring Gull													
Lesser Black-backed Gull													
Great Black-backed Gull													
Gull-billed Tern													
Caspian Tern													
Royal Tern			1	2	30	2							
Sandwich Tern					1								
Common Tern					2			3	1	2 on nests			
Forster's Tern													
Least Tern			1	2			4	14	24	Numerous nests			
Black Tern													
Black Skimmer						1			4				
OTHER SPECIES													
Boat-tailed Grackle								1					
Mallard													
Red-breasted Merganser													
Red-throated Loon													
Eastern Kingbird								1					
Rough-winged Swallow						1							

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[illegible]

## BOGUE INLET BIRD SURVEY

DATE	5/30/03				WEATHER/SKY		Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED		0-10	10-15	15-20	>20				
OBSERVER	Massey, Coward				WIND DIRECTION		N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1:40 PM				AIR TEMP.		83 F							
HIGH	7:52 AM													
DISTURBANCE LEVEL	medium													
DISTURBANCE SOURCE	5 boats, 2 Jet Skis, 22 persons													
START TIME	12:30 PM													
END TIME	1:30 PM													
	SURF			INTERTIDAL			BEACH			Breeding/Notes				
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating					
Common Loon		1												
Brown Pelican		1												
Double-crested Cormorant														
Great Blue Heron														
Great Egret				1		3								
Snowy Egret														
Little Blue Heron														
Tricolored Heron														
White Ibis														
Glossy Ibis														
Black-bellied Plover														
Wilson's Plover				1			1	2	2	suspect nest				
Semipalmated Plover														
Piping Plover														
Killdeer														
American Oystercatcher														
Greater Yellowlegs														
Solitary Sandpiper														
Willet		1		6	1	3			4	suspect nest				
Spotted Sandpiper														
Whimbrel														
Marbled Godwit														
Ruddy Turnstone														
Red Knot														
Sanderling	4	1												
Semipalmated Sandpiper														
Western Sandpiper														
Least Sandpiper														
Pectoral Sandpiper														
Dunlin														
Short-billed Dowitcher														
Long-billed Dowitcher														
Laughing Gull	1	1	5	2	3	10		8	3					
Bonaparte's Gull														
Ring-billed Gull				2	1	2								
Herring Gull														
Lesser Black-backed Gull														
Great Black-backed Gull			1											
Gull-billed Tern														
Caspian Tern														
Royal Tern			1											
Sandwich Tern														
Common Tern														
Forster's Tern														
Least Tern	1			1	3	1		2	1	1 nest				
Black Tern														
Black Skimmer														
OTHER SPECIES														
Boat-tailed Grackle														
Red-winged Blackbird														
Barn Swallow						2								
Red-breasted Merganser														
House Sparrow														
Mourning Dove							2							

## BOGUE INLET BIRD SURVEY

[illegible]



## BOGUE INLET BIRD SURVEY

DATE	6/16/2003				WEATHER/SKY	Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED	0-10	10-15	15-20	>20				
OBSERVER	Carroll, Coward				WIND DIRECTION	N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1537				AIR TEMP.	90							
HIGH	0944												
DISTURBANCE LEVEL	high												
DISTURBANCE SOURCE	2 jet skiers, 3 boats, 12 people total, dog tracks												
START TIME	1435												
END TIME	1555												
	SURF				INTERTIDAL			BEACH			Breeding/Notes		
SP #	SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating			
2	Common Loon												
20	Brown Pelican			2									
22	Double-crested Cormorant												
23	Great Blue Heron												
24	Great Egret				1								
25	Snowy Egret				2								
26	Little Blue Heron												
27	Tricolored Heron												
33	White Ibis												
34	Glossy Ibis												
95	Black-bellied Plover												
97	Wilson's Plover												
98	Semipalmated Plover												
99	Piping Plover												
100	Killdeer												
101	American Oystercatcher												
104	Greater Yellowlegs												
106	Solitary Sandpiper												
107	Willet				3	2					nest in posted area? Or resting?		
108	Spotted Sandpiper												
110	Whimbrel												
112	Marbled Godwit												
113	Ruddy Turnstone		1		1								
114	Red Knot												
115	Sanderling				1								
116	Semipalmated Sandpiper												
117	Western Sandpiper												
118	Least Sandpiper												
121	Pectoral Sandpiper												
123	Dunlin												
126	Short-billed Dowitcher												
127	Long-billed Dowitcher												
136	Laughing Gull			4	2	3	2			2			
138	Bonaparte's Gull												
139	Ring-billed Gull					2							
140	Herring Gull												
142	Lesser Black-backed Gull												
144	Great Black-backed Gull												
146	Gull-billed Tern												
147	Caspian Tern												
148	Royal Tern												
149	Sandwich Tern												
151	Common Tern												
153	Forster's Tern												
154	Least Tern				8				1	1	possible nest, territorial behavior		
157	Black Tern												
158	Black Skimmer												
OTHER SPECIES													
316	Boat-tailed Grackle				1		2						
327	House Sparrow						3			1			
204	Barn Swallow						1						
313	Red-winged Blackbird						4						

BOGUE INLET BIRD SURVEY

DATE	6/16/2003				WEATHER/SKY	Clear	P. Cloudy	Cloudy	Fog	Lt. Rain			
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED	0-10	10-15	15-20	>20				
OBSERVER	Carroll, Coward				WIND DIRECTION	N	NE	E	SE	S	SW	W	NW
TIDE: LOW	1537				AIR TEMP.	88							
HIGH	0944												
DISTURBANCE LEVEL	low												
DISTURBANCE SOURCE	foot prints, clam rake												
START TIME	1535 1555												
END TIME	1545 1638												
	SURF			INTERTIDAL			BEACH						
SP # SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Breeding/Notes			
2 Common Loon													
20 Brown Pelican													
22 Double-crested Cormorant													
23 Great Blue Heron													
24 Great Egret													
25 Snowy Egret						1							
26 Little Blue Heron													
27 Tricolored Heron													
33 White Ibis													
34 Glossy Ibis													
95 Black-bellied Plover													
97 Wilson's Plover				1									
98 Semipalmated Plover													
99 Piping Plover													
100 Killdeer													
101 American Oystercatcher				3									
104 Greater Yellowlegs													
106 Solitary Sandpiper													
107 Willet													
108 Spotted Sandpiper													
110 Whimbrel													
112 Marbled Godwit													
113 Ruddy Turnstone													
114 Red Knot													
115 Sanderling													
116 Semipalmated Sandpiper													
117 Western Sandpiper													
118 Least Sandpiper													
121 Pectoral Sandpiper													
123 Dunlin													
126 Short-billed Dowitcher													
127 Long-billed Dowitcher													
136 Laughing Gull				1	8	2		6	2				
138 Bonaparte's Gull													
139 Ring-billed Gull								1					
140 Herring Gull					2			1					
142 Lesser Black-backed Gull													
144 Great Black-backed Gull													
146 Gull-billed Tern													
147 Caspian Tern													
148 Royal Tern								3					
149 Sandwich Tern													
151 Common Tern					6			1	2				
153 Forster's Tern													
154 Least Tern	1							1					
157 Black Tern													
158 Black Skimmer													
OTHER SPECIES													
316 Boat-tailed Grackle													
67 Red-breasted Merganser													
204 Barn Swallow				1									

## BOGUE INLET BIRD SURVEY

[illegible]

## BOGUE INLET BIRD SURVEY

[illegible]

## BOGUE INLET BIRD SURVEY

DATE	6/30/2003				WEATHER/SKY	Clear	P. Cloudy	Cloudy	Fog	Lt. Rain				
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED	0-10	10-15	15-20	>20					
OBSERVER	Cooper/Carroll				WIND DIRECTION	N	NE	E	SE	S	SW	W	NW	
TIDE: LOW	1430				AIR TEMP.	96								
HIGH	0843													
DISTURBANCE LEVEL	high													
DISTURBANCE SOURCE	30 people, 5 dogs, 7 boats													
START TIME	1310													
END TIME	1345													
		SURF			INTERTIDAL			BEACH			Breeding/Notes			
SP #	SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating				
2	Common Loon		1								sick?			
20	Brown Pelican													
22	Double-crested Cormorant													
23	Great Blue Heron													
24	Great Egret		1	1										
25	Snowy Egret													
26	Little Blue Heron													
27	Tricolored Heron													
33	White Ibis													
34	Glossy Ibis													
95	Black-bellied Plover													
97	Wilson's Plover													
98	Semipalmated Plover													
99	Piping Plover													
100	Killdeer													
101	American Oystercatcher													
104	Greater Yellowlegs													
106	Solitary Sandpiper													
107	Willet				1		2							
108	Spotted Sandpiper													
110	Whimbrel													
112	Marbled Godwit													
113	Ruddy Turnstone													
114	Red Knot													
115	Sanderling				1						sick?			
116	Semipalmated Sandpiper													
117	Western Sandpiper													
118	Least Sandpiper													
121	Pectoral Sandpiper													
123	Dunlin													
126	Short-billed Dowitcher													
127	Long-billed Dowitcher													
136	Laughing Gull			7		3	3			3				
138	Bonaparte's Gull													
139	Ring-billed Gull					1								
140	Herring Gull													
142	Lesser Black-backed Gull													
144	Great Black-backed Gull													
146	Gull-billed Tern													
147	Caspian Tern													
148	Royal Tern													
149	Sandwich Tern													
151	Common Tern													
153	Forster's Tern													
154	Least Tern						3			2				
157	Black Tern													
158	Black Skimmer													
	OTHER SPECIES													
316	Boat-tailed Grackle					1								
	Barn Swallow									1				
322	House Finch								4					

## BOGUE INLET BIRD SURVEY

DATE	6/30/2003				WEATHER/SKY	Clear	P. Cloudy	Cloudy	Fog	Lt. Rain				
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED	0-10	10-15	15-20	>20					
OBSERVER	Cooper/Carroll				WIND DIRECTION	N	NE	E	SE	S	SW	W	NW	
TIDE: LOW	1430				AIR TEMP.	94								
HIGH	0843													
DISTURBANCE LEVEL	high													
DISTURBANCE SOURCE	20 people, boats													
START TIME	1415													
END TIME	1530													
SP #	SPECIES	SURF			INTERTIDAL			BEACH			Breeding/Notes			
		Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating				
2	Common Loon													
20	Brown Pelican						3							
22	Double-crested Cormorant													
23	Great Blue Heron													
24	Great Egret				1									
25	Snowy Egret				2									
26	Little Blue Heron													
27	Tricolored Heron													
33	White Ibis													
34	Glossy Ibis													
95	Black-bellied Plover													
97	Wilson's Plover				1									
98	Semipalmated Plover													
99	Piping Plover													
100	Killdeer													
101	American Oystercatcher													
104	Greater Yellowlegs													
106	Solitary Sandpiper													
107	Willet				2									
108	Spotted Sandpiper													
110	Whimbrel													
112	Marbled Godwit													
113	Ruddy Turnstone													
114	Red Knot													
115	Sanderling													
116	Semipalmated Sandpiper				1									
117	Western Sandpiper				1									
118	Least Sandpiper													
121	Pectoral Sandpiper													
123	Dunlin													
126	Short-billed Dowitcher													
127	Long-billed Dowitcher													
136	Laughing Gull				7	73	13							+5
138	Bonaparte's Gull				1									sick?
139	Ring-billed Gull				2	3								
140	Herring Gull				5	3								
142	Lesser Black-backed Gull													
144	Great Black-backed Gull						1							
146	Gull-billed Tern													
147	Caspian Tern													
148	Royal Tern					14	1							
149	Sandwich Tern					1	1							
151	Common Tern													
153	Forster's Tern						2							immature
154	Least Tern				1	40	3							+48; nests on SW side of pool,
157	Black Tern													1 chick-unfledged; 1 nest w/2 eggs
158	Black Skimmer													(approx. 15-30 nests)
	<b>OTHER SPECIES</b>													
316	Boat-tailed Grackle													
	Osprey						1							
204	Barn Swallow						1							
														+ #'s indicates additional birds on island but outside of study area

## BOGUE INLET BIRD SURVEY

DATE	6/30/2003			WEATHER/SKY	Clear	P. Cloudy	Cloudy	Fog	Lt. Rain				
TRANSECT	1=Bogue	2=Inlet	3=Dudley	4=Bear	WIND SPEED	0-10	10-15	15-20	>20				
OBSERVER	Carroll/Cooper			WIND DIRECTION	N	NE	E	SE	S	SW	W	NW	
TIDE: LOW	1430			AIR TEMP.	88								
HIGH	0843												
DISTURBANCE LEVEL	high												
DISTURBANCE SOURCE	canoes, 7 people, dog prints												
START TIME	1145												
END TIME	1256												
SP #	SURF			INTERTIDAL			BEACH			Breeding/Notes			
SPECIES	Feeding	Resting	Migrating	Feeding	Resting	Migrating	Feeding	Resting	Migrating				
2 Common Loon													
20 Brown Pelican													
22 Double-crested Cormorant													
23 Great Blue Heron													
24 Great Egret						1			1				
25 Snowy Egret				1					1				
26 Little Blue Heron				1									
27 Tricolored Heron									1				
33 White Ibis									1				
34 Glossy Ibis													
95 Black-bellied Plover													
97 Wilson's Plover					3			2			male & female, nest along marsh, feigning behavior observed		
98 Semipalmated Plover													
99 Piping Plover													
100 Killdeer									3				
101 American Oystercatcher													
104 Greater Yellowlegs													
106 Solitary Sandpiper													
107 Willet				2	1		1	1	2		territorial behavior		
108 Spotted Sandpiper													
110 Whimbrel													
112 Marbled Godwit													
113 Ruddy Turnstone													
114 Red Knot													
115 Sanderling													
116 Semipalmated Sandpiper													
117 Western Sandpiper													
118 Least Sandpiper													
121 Pectoral Sandpiper													
123 Dunlin													
126 Short-billed Dowitcher													
127 Long-billed Dowitcher													
136 Laughing Gull			1	2	2				1				
138 Bonaparte's Gull													
139 Ring-billed Gull					1						injured		
140 Herring Gull													
142 Lesser Black-backed Gull													
144 Great Black-backed Gull													
146 Gull-billed Tern													
147 Caspian Tern													
148 Royal Tern													
149 Sandwich Tern													
151 Common Tern													
153 Forster's Tern													
154 Least Tern								1	2				
157 Black Tern													
158 Black Skimmer													
OTHER SPECIES													
316 Boat-tailed Grackle									1				
199 Purple Martin									3				
313 Red-winged Blackbird									2				
NOTE: painted bunting in shrub thicket outside of survey area													

## BOGUE INLET BIRD SURVEY

[illegible]